

02-25-02

GP 2652
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5-31-2



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Detrol

Serial No.: 09/825267

Filed: 4/3/2001

Title: OVERSCAN HELICAL SCAN
HEAD FOR NON-TRACKING TAPE
SUBSYSTEMS READING AT UP
TO 1X SPEED AND METHOD FOR
SIMULATION OF SAME

Group Art Unit: UNKNOWN

Examiner: UNKNOWN

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Attorney Docket No.: 9086/104D

Assistant Commissioner for Patents
Washington, D.C. 20231

Technology Center 2600

INFORMATION DISCLOSURE STATEMENT

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Dear Sir:

DEC 14 2004

This Information Disclosure Statement is submitted:

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- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
 - ☐ Certification under 37 CFR 1.97(e), or
 - ☐ a \$240.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with a:
 - ☐ Certification under 37 CFR 1.97(e), and
 - ☐ a petition under 37 CFR 1.97(d)(2)(ii), and
 - ☐ a \$130.00 petition fee set forth in 37 CFR 1.17(i)(1).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

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☒ Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which

applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

The relevance of the attached references is that this is the closest art of which Applicant is aware. Applicant submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

It is requested that the information disclosed herein be made of record in this application.

Respectfully submitted,

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit:

2/13/02

Typed Name:

Jessica Costa

Signature:

Jessica J. Costa

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Date: February 13, 2002

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	09/825,267
Filing Date	04/03/2001
First Named Inventor	Detro
Group Art Unit	2652
Examiner Name	Unknown
Attorney Docket Number	9086/104D

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		3,821,710		Arciprete et al.	06-28-1974	
		3,962,727		Kamimura et al.	06-08-1976	
		4,011,587		Arter et al.	03-08-1977	
		4,099,211		Hathaway	07-04-1978	
		4,106,065		Ravizza	08-08-1978	
		4,125,881		Eige et al.	11-14-1978	
		4,172,265		Sakamoto et al.	10-23-1979	
		4,175,267		Tachi	11-20-1979	
		4,180,833		Hirai et al.	12-25-1979	
		4,215,37		Norris	07-29-1980	
		4,257,075		Wysocki et al.	03-17-1981	
		4,293,879		Heitmann et al.	10-06-1981	
		4,322,755		Kosaka	03-30-1982	Column 4, line 65; Column 6, line 52
		4,357,639		Hama et al.	11-02-1982	
		4,390,915		Matsuyama	06-28-1983	
		4,394,694		Ninomiya et al.	07-19-1983	
		4,404,605		Sakamoto	09-13-1983	
		4,412,260		Stricklin et al.	10-25-1983	
		4,420,778		Sakamoto	12-13-1983	
		4,467,373		Taylor et al.	08-21-1984	
		4,484,236		Wilkinson	11-20-1984	
		4,486,796		Sakamoto	12-04-1984	
		4,491,886		Saito et al.	01-01-1985	
		4,492,991		Osada et al.	01-08-1985	
		4,544,967		Louth	10-01-1985	
		4,554,598		Tarbox et al.	11-19-1985	
		4,581,662		Sato	04-08-1986	
		4,591,924		Miura et al.	05-27-1986	Column 4, line 47; Column 11, line 38
		4,609,947		Yamagiwa et al.	09-02-1986	
		4,614,991		Murakami	09-30-1986	
		4,628,372		Morisawa	12-09-1986	
		4,628,383		Miyamoto	12-09-1986	
		4,620,245		Shimizu	10-28-1986	
		4,636,873		Eguchi	01-13-1987	
		4,637,023		Lounsbury et al.	01-13-1987	
		4,641,210		Ohyama	02-03-1987	
		4,642,714		Miyamoto	02-10-1987	
		4,644,414		Yamada et al.	02-17-1987	
		4,646,169		Shimpuku	02-24-1987	Column 2, line 47; Column 4, line 42
		4,651,239		Omori et al.	03-17-1987	
		4,654,731		Froschl et al.	03-31-1987	
		4,663,673		Doutsubo	05-05-1987	
		4,665,447		Odaka	05-12-1987	
		4,677,504		Yamazaki et al.	06-30-1987	
		4,680,654		Shibuya	07-14-1987	

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		4,682,247		Doutsbo	07-21-1987	
		4,688,109		Sangu	08-18-1987	
		4,703,373		Oosaka	10-27-1987	
		4,714,971		Sigiki et al.	12-22-1987	
		4,717,974		Baumeister	01-05-1988	
		4,731,678		Takeuchi	03-15-1988	
		4,737,865		Murakami et al.	04-12-1988	
		4,739,420		Odaka et al.	04-19-1988	
		4,758,904		Takashashi et al.	07-19-1988	
		4,757,911		Nakano et al.	07-19-1988	
		4,760,474		Takimoto	07-26-1988	
		4,769,811		Eckberg, Jr. et al.	09-06-1988	
		4,774,605		Kato	09-27-1988	
		4,786,011		Fujiwara et al.	11-22-1988	
		4,796,115		Ohshima et al.	01-03-1989	
		4,799,221		Fukami et al.	01-17-1989	
		4,802,172		Fukami et al.	01-31-1989	
		4,812,924		Fukami et al.	03-14-1989	
		4,821,129		Culp	04-11-1989	
		4,835,628		Hinz et al.	05-30-1989	
		4,843,495		Georgis et al.	06-27-1989	
		4,845,577		Georgis et al.	07-04-1989	
		4,897,739		Hasegawa et al.	01-30-1990	
		4,918,546		Saito	04-17-1990	
		4,930,027		Steele et al.	05-29-1990	
		4,933,784		Oldershaw et al.	06-12-1990	
		4,935,824		Nakano et al.	06-19-1990	
		4,935,827		Oldershaw et al.	06-19-1990	
		4,970,612		Renders et al.	11-13-1990	
		4,977,469		Yokozawa	12-11-1990	
		4,984,104		Takahashi et al.	01-08-1991	
		5,003,411		Nagahara et al.	03-26-1991	
		5,034,833		Marlowe	07-23-1991	
		5,050,018		Georgis et al.	09-17-1991	
		5,068,757		Hughes et al.	11-26-1991	
		5,099,375		Ishii et al.	03-24-1992	
		5,103,355		Steele	04-07-1992	
		5,115,500		Larsen	05-19-1992	
		5,142,422		Zook et al.	08-25-1992	
		5,155,641		Kubo et al.	10-13-1992	
		5,191,491		Zweighaft	03-02-1993	
		5,251,077		Saitoh	10-05-1993	
		5,262,905		Takagi et al.	11-16-1993	
		5,327,305		Thomas	07-05-1994	
		5,349,481		Kauffman et al.	09-20-1994	
		5,414,570		Fry et al.	05-09-1995	
		5,422,451		Hitotsumachi	08-15-1995	Column 6, line 16; Column 7, line 30
		5,535,068		Hughes	07-09-1996	
		5,602,694		Miles et al.	02-11-1997	
		5,633,764		Ohta	05-27-1997	
		5,781,688		Seong	07-14-1998	
		5,872,997		Golson	02-16-1999	
		5,953,177		Hughes	09-14-1999	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
		DE	DE 29 06 836 A1		Blaupunkt-Werke GmbH	09-04-1980		
		JP	JP 56-93157			07-28-1981		
		JP	JP 57-55579			04-02-1982		
		JP	JP 58-133665			02-04-1982		
		JP	JP 59-139157			01-26-1983		

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	09/522,530		
		Filing Date	3/10/2000		
		First Named Inventor	Langiano et al.		
		Group Art Unit	2754		
		Examiner Name			
Sheet	3	of	3	Attorney Docket Number	9086/110

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite, No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		PIZZI, New Audio Recording Formats, Broadcast Engineering, February 1993, paragraph. 60-63.	
		NT-1, April 1992	
		SASAKE, T., ASLTAD, J., YOUNKER, M., The NT Digital Micro Tape Recorder, Goddard Conference on Mass Storage Systems and Technologies, September 22-24, 1992, paragraph. 143-157.	
		RECEIVED DEC 14 2004 Technology Center 2100	
		RECEIVED MAR 01 2002 Technology Center 2600	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

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